

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: April 24, 2002, 05:16:55 ; Search time 116.53 seconds  
(without alignments)  
1166.110 Million cell updates/sec

Title: US-09-525-998A-11

Perfect score: 600  
Sequence: 1 atagagctctccacagctacc cctcctcgaagagctccagagacaca 600

Scoring table: IDENTITY-NUC  
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 11323999 residues  
Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents, NA: \*  
1: /om2/ptdata/2/104/2/104\_1A\_1B.seq  
2: /om2/ptdata/2/104/2/104\_1B\_1B.seq  
3: /om2/ptdata/2/104/2/104\_1A\_1B.seq  
4: /om2/ptdata/2/104/2/104\_1B\_1B.seq  
5: /om2/ptdata/2/104/2/104\_1A\_1B.seq  
6: /om2/ptdata/2/104/2/104\_1B\_1B.seq

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	555.4	92.6	2562	1	US-08-050-319B-24
2	555.4	92.6	2562	2	US-08-465-982-4
3	555.4	92.6	2161	3	US-08-106-038A-1
4	555.4	92.6	2175	1	US-08-321-66A-1
5	555.4	92.6	2175	1	US-08-837-941-1
6	555.4	92.6	2175	1	US-08-326-016-1
7	555.4	92.6	1884	1	US-08-286-740-2
8	555.4	92.6	6889	5	PCR-US95-09576-2
9	555.4	92.6	6896	2	US-08-627-151A-6
10	517.6	86.3	600	1	US-08-050-319B-47
11	517.6	86.3	600	2	US-08-465-982-47
12	516.4	86.1	1301	4	US-08-804-166-7
13	516.4	86.1	1301	4	US-08-910-991-7
14	514	85.7	1478	4	US-09-149-922-6
15	508.4	84.7	1147	4	US-08-804-166-5
16	508.4	84.7	1147	4	US-08-910-991-5
17	483	80.5	483	4	US-09-326-394-1
18	427.8	71.3	1049	4	US-08-804-166-1
19	427.8	71.3	1049	4	US-08-910-991-1
20	427.8	71.3	1202	4	US-08-804-166-3
21	427.8	71.3	1202	4	US-08-910-991-3
22	425.4	70.9	504	1	US-08-050-319B-56
23	425.4	70.9	504	2	US-08-465-982-56
24	423.4	70.6	501	1	US-08-050-319B-1
25	423.4	70.6	501	2	US-08-465-982-1
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27	372	62.0	272	2	US-08-465-982-3

28	357.2	59.5	474	1	US-08-050-319B-49
29	357.2	59.5	474	2	US-08-465-982-49
30	324	54.0	1956	2	US-08-762-808-1
31	300.2	50.0	477	1	US-08-050-319B-54
32	300.2	50.0	477	2	US-08-465-982-54
33	234.8	49.1	462	1	US-08-050-319B-61
34	234.8	49.1	462	2	US-08-465-982-61
35	35.6	5.9	1535	4	US-08-411-744-1
36	33.4	5.6	1784	3	US-08-815-454-1
37	32.9	5.5	48692	4	US-08-943-731-2
38	32.2	5.4	1584	2	US-08-815-454-2
39	31.8	5.3	646	4	US-08-865-982-41
40	31.4	5.2	2214	3	US-08-864-648A-1
41	31.4	5.2	3321	2	US-08-864-648A-2
42	31.4	5.2	3331	3	US-08-864-648A-4
43	31	5.2	2771	2	US-08-443-443B-1
44	30.6	5.1	2130	4	US-08-056-105-1
45	30.6	5.1	2172	2	US-08-417-174-2

ALIGNMENTS

RESULT 1  
US-08-050-319B-24  
Sequence 24, Application US/08050319B  
Patent No. 5633145  
GENERAL INFORMATION:  
APPLICANT: M. P. G. Mann, P. W. Gray  
APPLICANTS: M. J. C. Turner, F. M. Brennan  
TITLE OF INVENTION: Methods for the diagnosis (Tumor)  
TITLE OF INVENTION: Methods for the diagnosis (Tumor)  
NAME OF INVENTOR: M. J. C. Turner, F. M. Brennan  
ADDRESS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 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[illegible]

RESULT 5  
US-08-837-941-1  
Sequence 1, Application US/08837941  
Patent No. 5766917  
GENERAL INFORMATION:  
APPLICANT: WALLACH, David  
APPLICANT: BRAKHUSCH, Cord  
APPLICANT: VARFOLOMETV, Eugene  
APPLICANT: BAIKIN, Michael  
TITLE OF INVENTION: MOLECULES INFLUENCING THE SHELLING OF  
TITLE OF INVENTION: THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSER: BROWDY AND NEWMARK  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,941  
FILING DATE: 28-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/321,668  
FILING DATE: 12-OCT-1994

US-08-126-016-1  
 ? Sequence 1, Application US/98126016  
 ? Patent No. 5811261  
 ? GENERAL INFORMATION:  
 ? APPLICANT: WALLACH, DAVID  
 ? APPLICANT: NOPHAR, YARON  
 ? APPLICANT: KEMPER, OLIVER  
 ? APPLICANT: ENDELMANN, HAPTMUT  
 ? APPLICANT: BRAKEBOSCH, CYRD  
 ? APPLICANT: ADERKA, DAN  
 ? TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TUMOR  
 ? NEKROSIS FACTOR BINDING PROTEIN 1 (TRN-1)  
 ? NUMBER OF SEQUENCES: 26  
 ? CORRESPONDENCE ADDRESS:  
 ? ADDRESSEE: Browdy and Neimark  
 ? STREET: 419 Seventh Street, N.W., Suite 300  
 ? CITY: Washington  
 ? STATE: DC  
 ? COUNTRY: USA  
 ? ZIP: 20004  
 ? COMPUTER READABLE FORM:  
 ? MEDIUM TYPE: Floppy disk  
 ? COMPUTER: IBM PC compatible  
 ? OPERATING SYSTEM: PC-DOS/MS-DOS  
 ? SOFTWARE: Patent Release #1.0, Version #1.25  
 ? CURRENT APPLICATION DATA:  
 ? APPLICATION NUMBER: US/98/126,016  
 ? FILING DATE: 24-SEP-1993  
 ? CLASSIFICATION: 435  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: US 07/625668  
 ? FILING DATE: 13-DEC-1990  
 ? ATTORNEY/AGENT INFORMATION:  
 ? NAME: BROWDY, ROGER L.  
 ? REGISTRATION NUMBER: 26,618  
 ? REFERENCE/DOC#1 NUMBER: WALLACH4  
 ? TELECOMMUNICATION INFORMATION:  
 ? TELEPHONE: 202-638-5197  
 ? TELEFAX: 202-737-3528  
 ? TELEX: 248633  
 ? INFORMATION FOR SEQ ID NO: 1:  
 ? SEQUENCE CHARACTERISTICS:  
 ? LENGTH: 2175 base pairs  
 ? TYPE: nucleic acid  
 ? STRANDEDNESS: single  
 ? TOPOLOGY: linear  
 ? MOLECULE TYPE: cDNA  
 ? FEATURE:  
 ? NAME/KEY: CDS  
 ? LOCATION: 256..1620  
 ? FEATURE:  
 ? NAME/KEY: mat\_ppt\_id  
 ? LOCATION: 319..1620  
 ? US-08-126-016-1

Query Match 92.6%, Score 555.4, DB 1, Length 2175,  
 Best Local Similarity 94.6%, Pred. No. 2,3e-165,  
 Matches 599, Conservative 0, Mismatches 1, Indels 33, Gaps 1;  
 QY 1 atgggtctccacgtgctgaacctgtgtgcaactgtgtgctggaactgttgggt 60  
 Db 256 ATGGGCTCTCACTGCTGAACCTGTGTGCAACTGTGTGCTGGAACCTGTG 315  
 QY 61 qaataatccctcaaggaattatg-----qa 87  
 Db 316 GGAATAATCCCTCAAGGAATTATG----- 11  
 QY 88 gatadgtgtgtcccaaaqaaatataatccacctcaaaataatcgaatttgcgtacc 147  
 Db 376 GATAGTGTGTGTCCCAAAQAAATATAATCCACCTCAAAATAATCGAATTGCTGACC 435  
 QY 148 aattgcacaaatggaactactttgaaatgactgtccaggtccggtttcagatacagac 207

Db 436 AAGTGGCCATAAAGGAAAGCTTACCTTGATAAAGACCTGCTAAGGATCGGCGAGAC 495  
 QY 208 ttt 267  
 Db 496 TGCAGGAGCTGTGACAGATGGCTGCTTCAAGGCTTCAAAAAACAGCTCAACATGGGTC 555  
 QY 258 gatt 327  
 Db 556 ABCTGTCTCAAAAGGAGAAAGAAAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 615  
 QY 229 ctt 487  
 Db 616 CGAGACATGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 675  
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 Db 676 TTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 735  
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 Db 736 AAAAGAAAG 795  
 QY 508 ttt 567  
 Db 796 TCTCTGAGTAACTGTAAGAAAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 855  
 QY 568 aatt 627  
 Db 856 AAGCTTAAAG 915  
 RESULT 7  
 US-08-286-740-2  
 ? Sequence 2, Application US/98-286740  
 ? Patent No. 5561053  
 ? GENERAL INFORMATION:  
 ? APPLICANT: Chowdry, Craig W.  
 ? TITLE OF INVENTION: METHOD FOR SELECTING HIGH-EXPRESSING  
 ? TITLE OF INVENTION: HOST CELLS  
 ? NUMBER OF SEQUENCES: 4  
 ? CORRESPONDENCE ADDRESS:  
 ? ADDRESSEE: Genentech, Inc.  
 ? STREET: 460 Point San Bruno Blvd  
 ? CITY: South San Francisco  
 ? STATE: California  
 ? COUNTRY: USA  
 ? ZIP: 94080  
 ? COMPUTER READABLE FORM:  
 ? MEDIUM TYPE: 5.25 inch, 560 kb floppy disk  
 ? COMPUTER: IBM PC compatible  
 ? OPERATING SYSTEM: PC DOS/MS-DOS  
 ? SOFTWARE: patin (genentech)  
 ? CURRENT APPLICATION DATA:  
 ? APPLICATION NUMBER: 05/98/286,740  
 ? FILING DATE: 05-AUG-1994  
 ? CLASSIFICATION: 435  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER:  
 ? FILING DATE:  
 ? ATTORNEY/AGENT INFORMATION:  
 ? NAME: Lee, Wendy M.  
 ? REGISTRATION NUMBER:  
 ? REFERENCE/DOC#1 NUMBER: 798  
 ? TELECOMMUNICATION INFORMATION:  
 ? TELEPHONE: 415/225-1994  
 ? TELEFAX: 415/252-9881  
 ? TELEX: 910/371-7168  
 ? INFORMATION FOR SEQ ID NO: 2:  
 ? SEQUENCE CHARACTERISTICS:  
 ? LENGTH: 5895 bases  
 ? TYPE: nucleic acid  
 ? STRANDEDNESS: double













LOCATION: 278..1132  
US-08-804 166-5

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Query Match      84.7%; Score 508.4; DB 4; Length 1147;
Best Local Similarity 97.9%; Pred. No. 111e-150;
Matches 515; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

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QY 145 gatttctgtacaaatgacacaaadgaacccactatatacaatgaactacagqcccccgg 194
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DB 341 GATTTCGTGTAAGTAATGTCACAAATCAATGACTATGCTGACAGGAGGAGG 450

QY 195 gcaatatacagactgcaaggaatataagagcagcgtctctcaacgcttcagaaaaaacact 254
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB 451 GAGATATACCAATGTATAGAGAGTGTAGAGAGGAGTCTCTTCAAGGCTTCAAAAAGAGCT 510

QY 255 gajacactgctcagctgtctcccaadtgcagagaaaggaadtgggtccaggtgagagatctcttc 314
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB 511 CAGACACTGCTTCAGCTGCTCCAAAATGCCCAAGGAAATGGGTCAGCTGGAGATCTCTTC 570

QY 315 ttgacaggtgacaggaagacagcgtatagactgcacaaadgaacccactacagacattatg 374
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB 571 TTGCACAGTGTGAGAGGAGACACCCGTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 630

QY 375 gadtgaagaactttcttcagctgtcttcagctgtcttcagctgtcttcagctgtcttcagct 434
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DB 631 GAGTCAAAAGCTTTTCTGAGTGTCTTCAATTCACCCCTGCTGCTGCTGCTGCTGCTGCTGCT 690

QY 445 ctctgcacagadgaacacacacacacacacacacacacacacacacacacacacacacacac 494
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB 691 CTCCTGTCCAGGACAAAATACAAACACACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 750

QY 495 aaacacacacacacacacacacacacacacacacacacacacacacacacacacacacacac 554
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB 751 AAACGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 810

QY 555 acccagattgaadattatgaagttactgaagactcagagacacaca 600
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DB 811 ACCCAATATTGAGAAATGTAAAGGAGCTGAGAGAGTCAAGGACACACA 856

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Search completed: April 24, 2002, 05:17:22  
Job time: 6525 sec

